

## REMARKS

This Amendment addresses the Examiner's Advisory Action dated February 17, 2010. A Request for Continued Examination (RCE) is being filed concurrently with this Amendment. Accordingly, the Examiner is respectfully requested to enter and consider this Amendment, which is believed to place the application in condition for immediate allowance.

In the afore-referenced Advisory Action, the Examiner contends that Applicant's remarks filed on January 25, 2010 do not place the application in condition for allowance. In particular, the Examiner refers to the previously cited Mutoh reference.

Applicant respectfully traverses the Examiner's prior rejections. However, in the interest of advancing the prosecution of the subject application, Applicant further clarifies independent claims 1, 6 and 12 to recite, in part:

"where coarse scaling is simpler than fine scaling, and where a value of the ratio  $1/X$  is selected for coarse scaling the original matrix so as to reduce a memory requirement and a computational requirement when fine scaling the intermediate matrix ."

Applicant also adds new dependent claims 13-15, which recite, in part, "wherein the first, coarse scaling is analog."

Support for the foregoing amendments can be found at least in paragraphs [0028] and [0040] of the subject published application 2009/0016644, and in claims 3 and 4 as originally filed.

No new matter is introduced into the application.

Applicant's claims, as presented herein, are believed to be new and non-obvious in view of the art of record.

For completion, Applicant also notes that the specification is herein amended to add section headings, in according with US patent practice.

All issues having been addressed, the subject application is believed to be in condition for immediate allowance. A Notice of Allowance is therefore earnestly solicited.

Should the Examiner have any questions, a call to the undersigned would be appreciated.

Respectfully submitted:

Christine Wilkes Beninati March 22, 2010  
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#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

March 22, 2010

Date

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Name of Person Making Deposit